

PHOENIX GOLD®



COMPONENT LOUDSPEAKER MANUAL MANUAL DE COMPONENTES

Model: RX65CS

Features:

- LAMINATE-TREATED PAPER CONE - Advanced laminating process produces excellent stiffness to weight ratio, superior damping qualities
- 19mm BALANCED DRIVE MYLAR TWEETER - Excellent reproduction of high frequencies
- POLYIMIDE VOICE COIL FORMER - High temperature light-weight voice coil structure for increased sensitivity
- TRIPLE-LAYER UV TREATED FOAM SURROUND - Premium design for long term reliability and sensitivity
- RIGID POWDER COATED STEEL FRAME - Designed for precise motor alignment

BASIC INSTALLATION

Selecting the placement of your new RX Component speakers could be as easy as using the existing factory locations or may require you to create a new location. Speaker placement in the door, dash, or rear deck is the most common. See your local Phoenix Gold Dealer for additional location and mounting assistance.

DOORS/REAR DECK

1. Many vehicles already have factory locations (Figure 1) to house the "DROP IN" feature of the RX Component speakers. If no existing locations are available or are not used, check the desired location for adequate cutout area and any depth obstructions. Make sure to allow sufficient clearance for window tracks, structural braces, trunk lid springs, etc.
2. Assuming enough area and depth is available, use the provided template and trace the speaker cutout and mounting holes onto the surface of the mounting location.
3. If the mounting surface is not structurally strong enough to accommodate screws, (i.e. plastic, cardboard) use the provided speed clips which will act as a nut for the supplied screws.

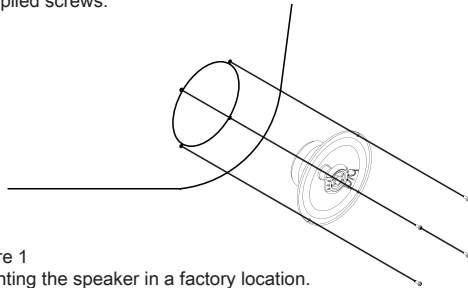


Figure 1
Mounting the speaker in a factory location.

4. Always provide water protection, if not supplied in the vehicle. We suggest using a rain shield or equivalent. If in doubt, please contact your Phoenix Gold Dealer.

SPEAKER INSTALLATION WITHOUT GRILL

Phoenix Gold has provided a foam mounting gasket. When installing your new component speakers in a factory location make sure to use the foam mounting gasket as shown in figure 1. For reverse mounted speakers place the foam gasket in front of the speaker. This will ensure an air tight seal for your RX speakers. For more custom applications, or cases where the factory grill will not be used, a high excursion protective grill has been provided. When installing your new component speakers with the provided RX grill use figure 2.

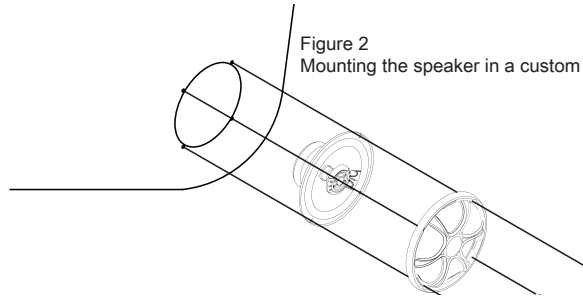


Figure 2
Mounting the speaker in a custom application.

TWEETER ADJUSTMENT

The tweeters pivot in their housings. When mounted low in the door, angle the tweeter up for better high frequency performance. In rear deck or dashboard installations, angle the tweeter away from the rear glass to reduce destructive reflections.

CROSSOVER ADJUSTMENT

The crossover provided with the RX Series component set is optimized to give the most accurate in-car response. Use only the cross-over provided; the use of any other crossover may result in damage to one or more of the RX Series

components. Connect the left amplifier output to the crossover for the left component set, and the right amplifier output to the crossover for the right component set. From there connect your component woofer and tweeters to the corresponding crossover observing polarity (+ to +, - to -). (figure 3)

CROSSOVER INSTALLATION

We suggest you select a mounting location for the crossovers within the cab of the vehicle, such as the kick panels or near the amplifier. If crossovers must be mounted in the door, mount them between the moisture barrier and the innermost door panel. **MOISTURE DAMAGE WILL VOID YOUR WARRANTY.**

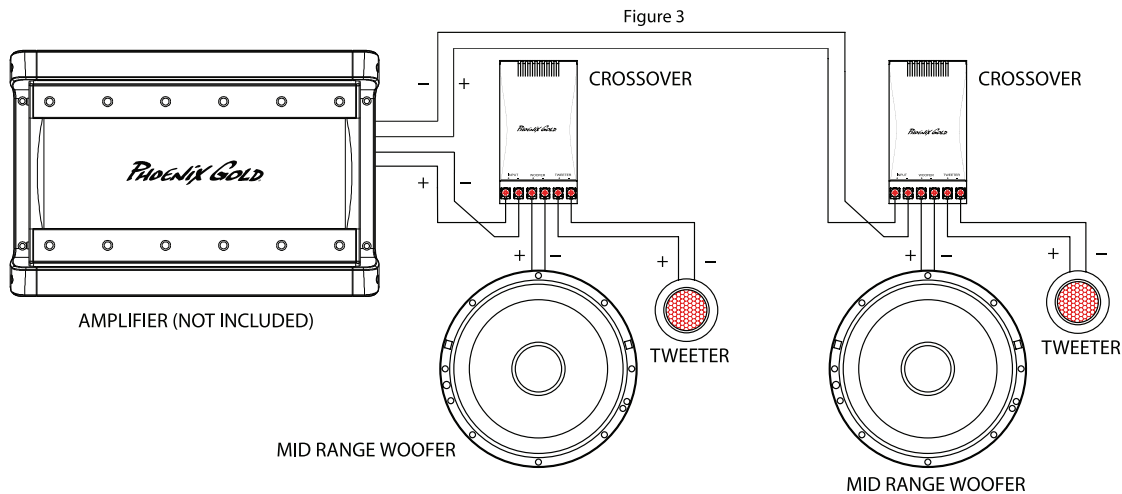


Figure 3

TWEETER INSTALLATION

FLUSH MOUNT

With a variety of supplied mounting options, the RX Series series tweeter is easy to install in any vehicle. Each component set comes with a flush mount and surface mount installation kit. For other custom mounting configurations, please contact your authorized Phoenix Gold Dealer.

Flush Mount: For optimal tweeter installation, use the Flush Mount option. The Flush mount requires 3/4" depth and a 1-13/16" hole in the mounting surface. (figure 4) (figure 5)

The RX Series tweeters pivot in their housings. This allows the user to align the tweeter during the installation process for optimum listening results.

For best results, always try to maintain equal path lengths between the right and the left tweeter and the listening position. This is usually accomplished by mounting as low and deep as possible in a kick panel installation, or high and deep in a dashboard installation. Be cautious in dashboard installations not to reflect the tweeter off of the windshield: this increases reflections and can greatly diminish the overall system listening quality. For door panel installations, try to angle the tweeters toward the listener to optimize high frequency performance.

SURFACE MOUNT

Surface Mounting Options: Screws are provided for use when cutting a hole in the door panel or other mounting surface is not an option. Make sure that the surface mount location is free of passenger movement that might damage the tweeter. (figure 6)

TWEETER ASSEMBLY - FLUSH MOUNT

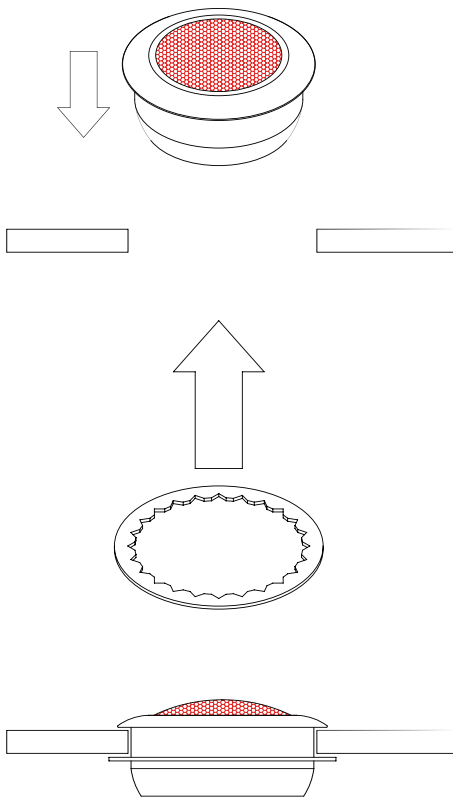


Figure 4

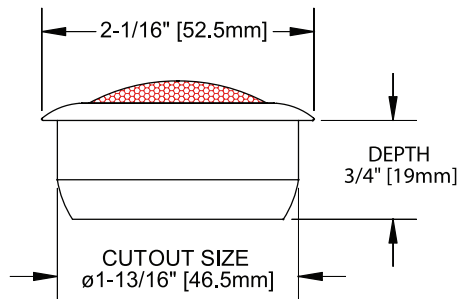


Figure 5

TWEETER ASSEMBLY - SURFACE MOUNT

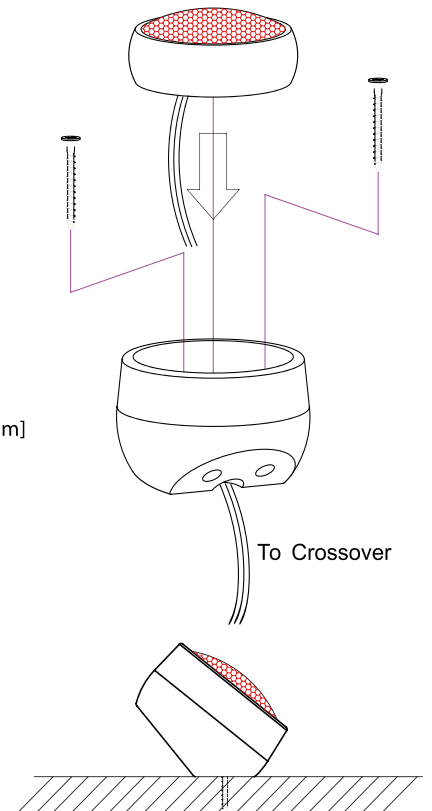


Figure 6

SPECIFICATIONS: Due to continual product improvement, all specifications subject to change without notice.

	RX65CS
RMS Power Handling (watts)	75W
Peak Power Handling (watts)	150W
Impedance (ohms)	4
Cut Out Dimension (mm) Inches	(144) 5.7
Mounting Depth (mm) Inches	(64) 2.5

PHOENIX GOLD

Phoenix Gold
A Division of AAMP of America™
13190 56th Court
Clearwater, Florida 33760
P: 888-228-5560
info@phoenixgold.com
www.phoenixgold.com
© 2013 AAMP of Florida, Inc

Designed and Engineered in the USA

LIMITED WARRANTY:

Phoenix Gold warrants this product to be free of defects in materials and workmanship for a period of one (1) year from the original date of purchase. This warranty is not transferable and applies only to the original purchaser from an authorized Phoenix Gold dealer in the United States of America only. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, Phoenix Gold will (at its discretion), repair or replace the defective product with new or remanufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

INTERNATIONAL WARRANTIES:

Products purchased outside the United States of America are covered only by that country's Authorized Phoenix Gold reseller and not by Phoenix Gold. Consumers needing service or warranty information for these products must contact that country's reseller for information.